Problem-Solution fit canvas 2.0

Purpose / Vision

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

Who is your customer?
i.e. working parents of 0-5 y.o. kids

Our customers are People who all are lived in metropolitan cities. The solution for the metropolitan city peoples

6. CUSTOMER CONSTRAINTS — CC

What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices.

Inadequate waste collection, insufficient data collection, increasing cost of the Dustbin

5. AVAILABLE SOLUTIONS — AS

Which solutions are available to the customers when they face the problem or need to get the job done? What have they tried in the past? What pros & cons do these solutions have?
i.e. pen and paper is an alternative to digital notetaking

1. The current solutions are available in https://greenq.gq/products/

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one: explore different sides.

The main problem is overflowing of garbage out of the garbage bin. The job has to be done is analysis the garbage bins related data of the areas of cities and visulaize them in slides

9. PROBLEM ROOT CAUSE — RC

What is the real reason that this problem exists? What is the back story behind the need to do this job?
i.e. customers have to do it because of the change in regulations.

The main reason for garbage overflow is improper collection of waste , so that people put their waste on the already fulled garbages, causes the overflow garbage bin

7. BEHAVIOUR — BE

What does your customer do to address the problem and get the job done?
i.e. directly related: find the right solar panel installer, calculate usage and benefits; indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace)

To asses the activities involved for the purposed detremine the type,nature and setimated voume of waste to be generated.

Focus on J&P, tap into BE, understand RC

Identify strong TR & EM

3. TRIGGERS — TR

What triggers customers to act? i.e. they read...

when the city areas are reducing the garbage overflow and provide a clean environment

4. EMOTIONS: BEFORE / AFTER — EM

How do customers feel when they face a problem or a job and afterwards?
i.e.

Before- The people of the cities feel like unhealthy, and they had health issues, the air also polluted.
After-They feel healthy and live in a good

10. YOUR SOLUTION — SL

If you are working on an existing business, write down your current solution first, fill in the canvas and check how much it fits reality.
If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.

Our solution is provide the clean environment . The tools we used here are, weight detect sensor, web application, python IDLE

8. CHANNELS of BEHAVIOUR — CH

ONLINE
What...

various data analysis are in https://greenq.gq/products/

8.2 OFFLINE

What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer deve...

we can gather news from the newspapere and government or private companies circulars

Extract online & offline CH of BE

AMALTAMA